

**ABSTRACT**

A filter device for the depletion of the leukocyte content from blood products comprising: a porous element comprising at least one fibrous web having a pore size suitable for leukocyte removal (possibly the range for the pore size should be defined), said web comprising fibres of a hydrophobic polymer coated with a hydrophilic polymer suitable to enhance the CWST of said hydrophobic polymer, characterised in that said web further includes adsorbent particles having a mean diameter lower than 30 µm, said particles being bonded to said fibres by means of said hydrophilic polymer coating said fibres.